

FIG. 1

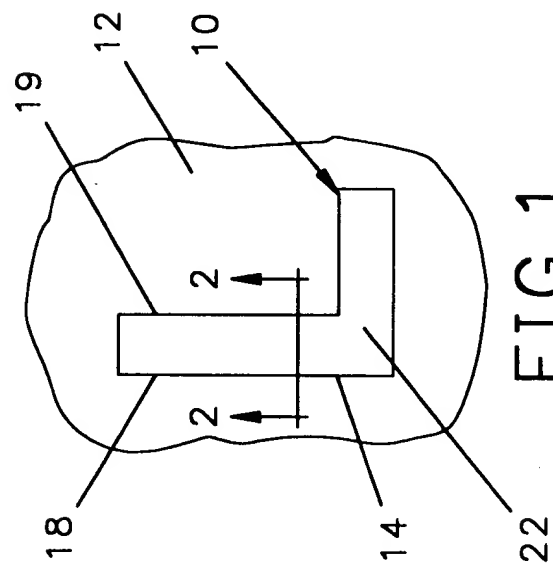


FIG. 1  
PRIOR ART

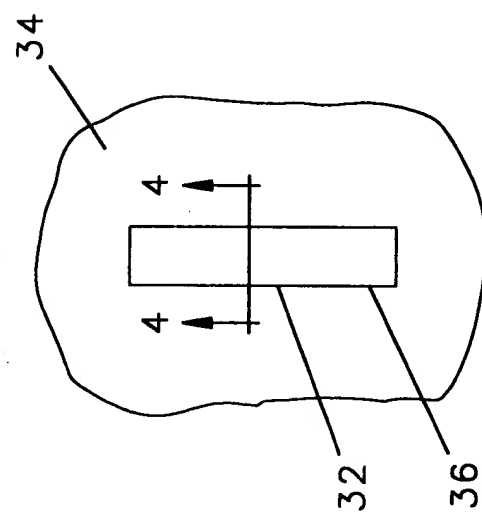
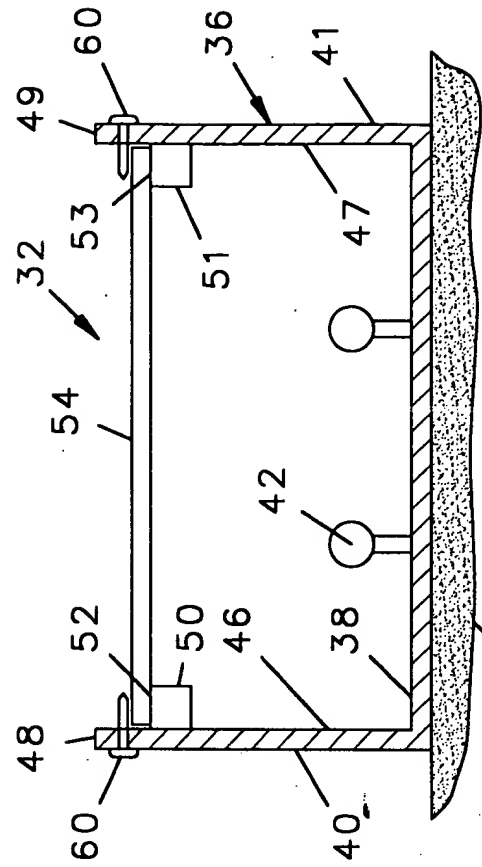
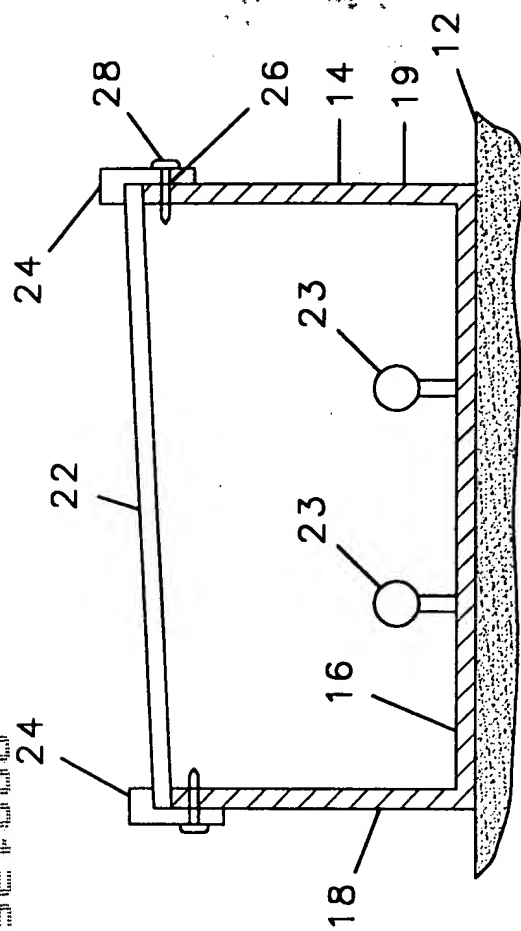


FIG. 3

FIG. 2  
PRIOR ART

FIG. 4



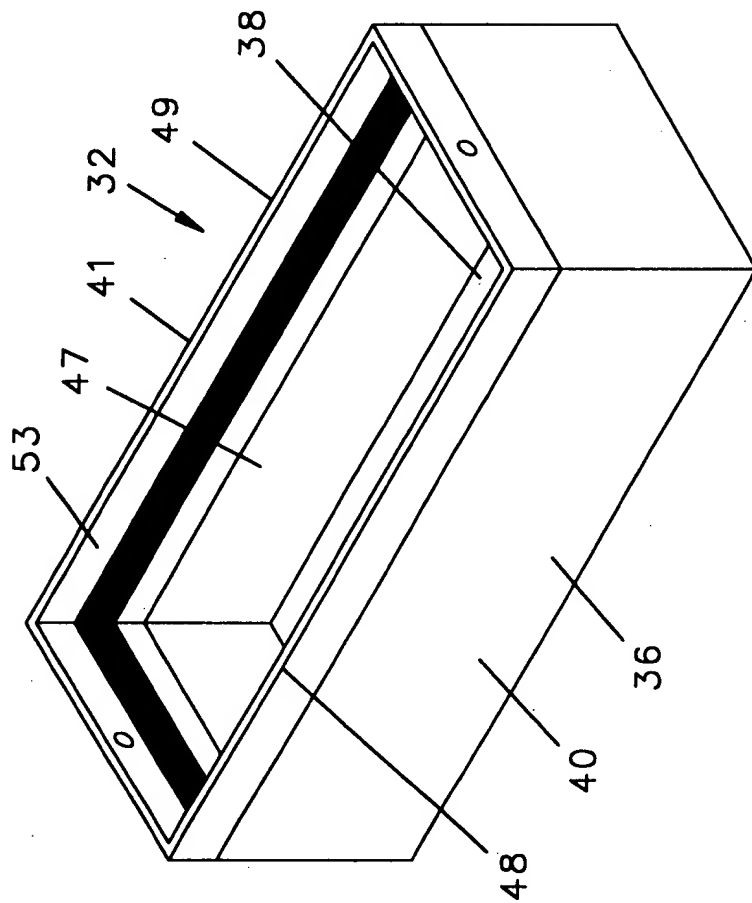


FIG. 5

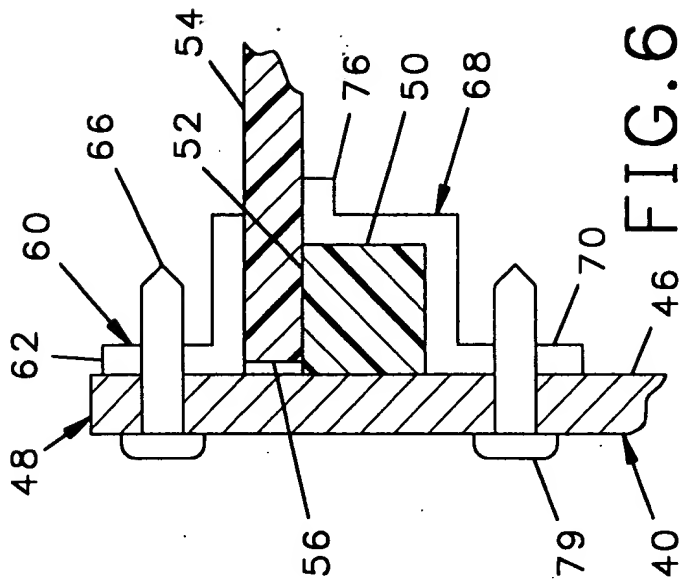


FIG. 6

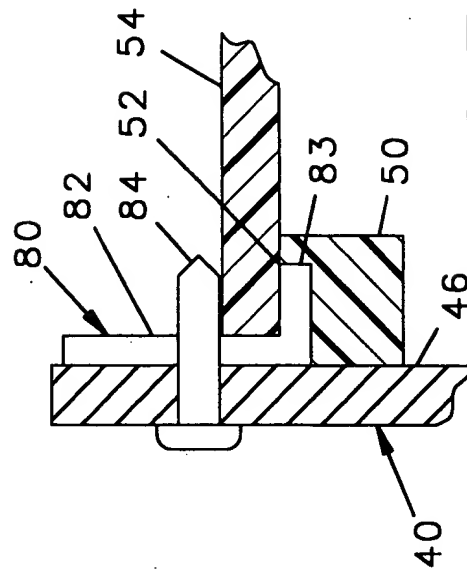


FIG. 7

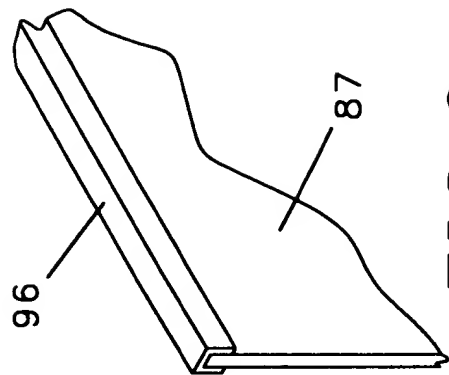


FIG. 9

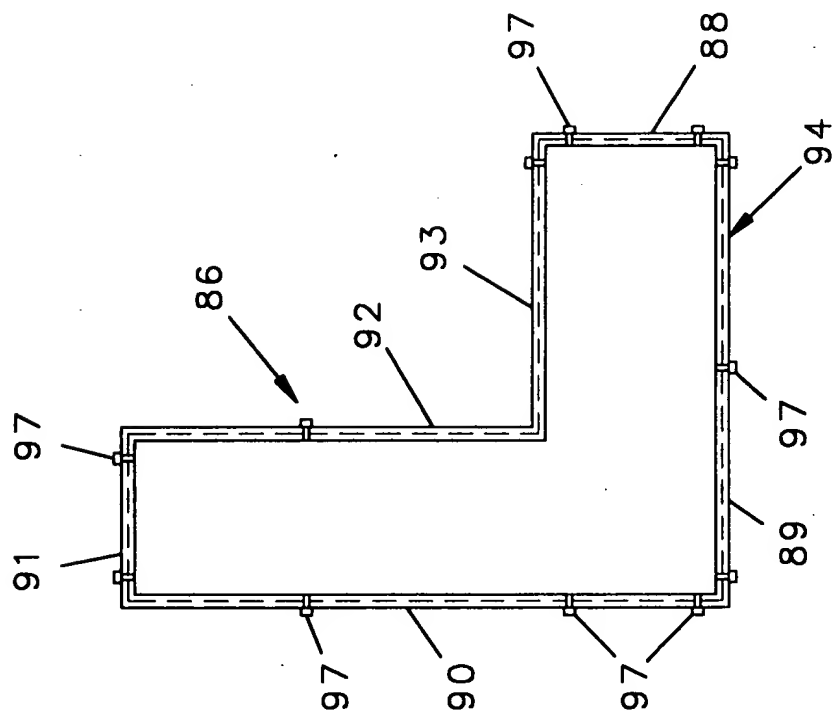


FIG. 8

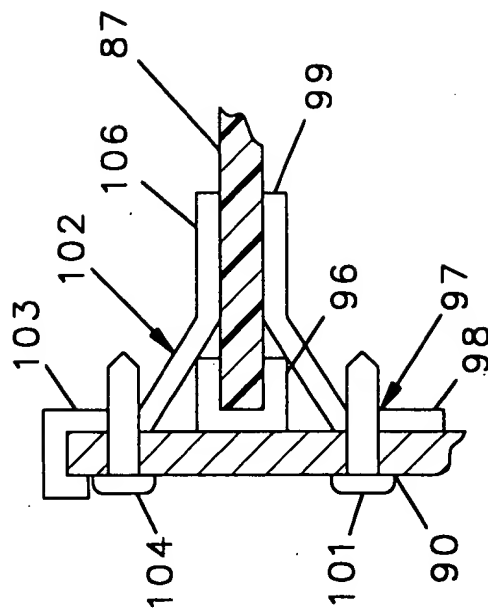


FIG. 10

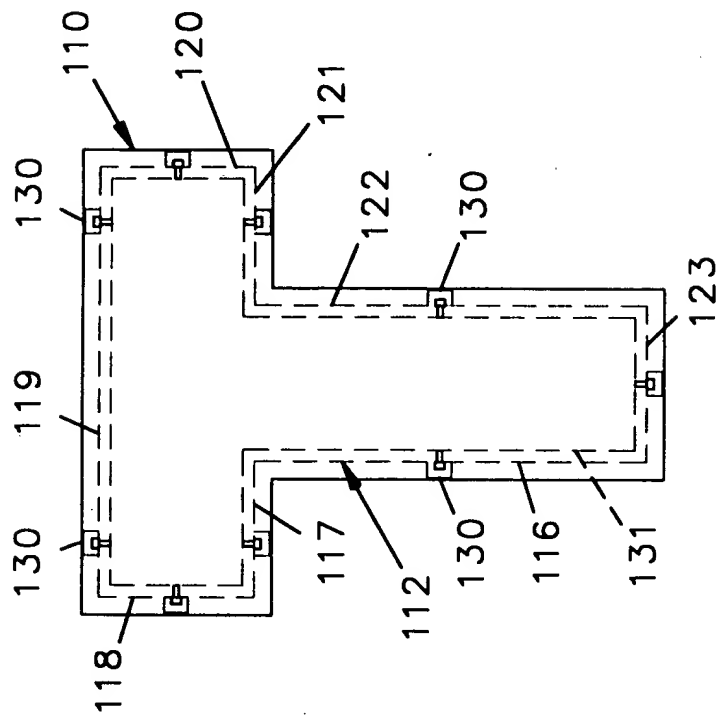


FIG. 11

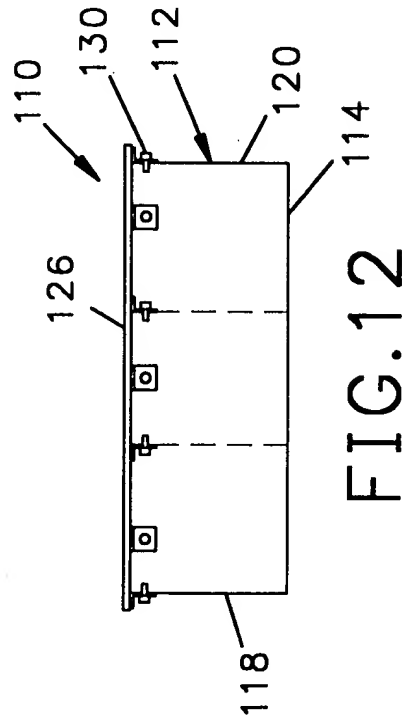


FIG. 12

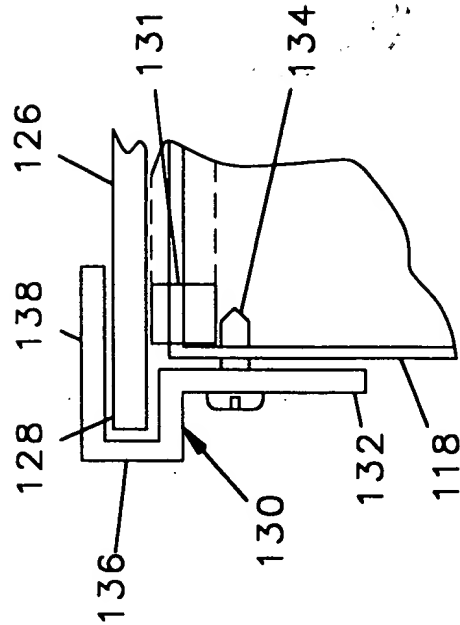


FIG. 13

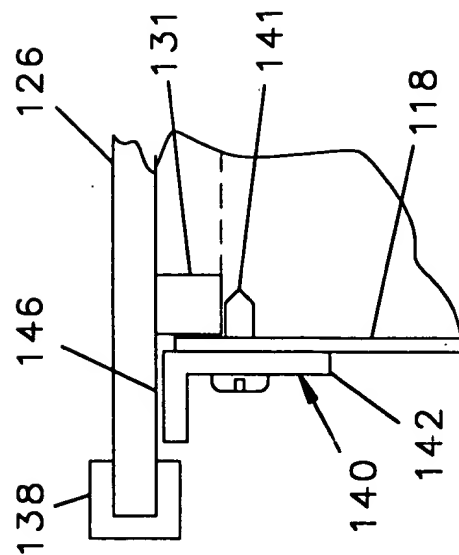


FIG. 14

100

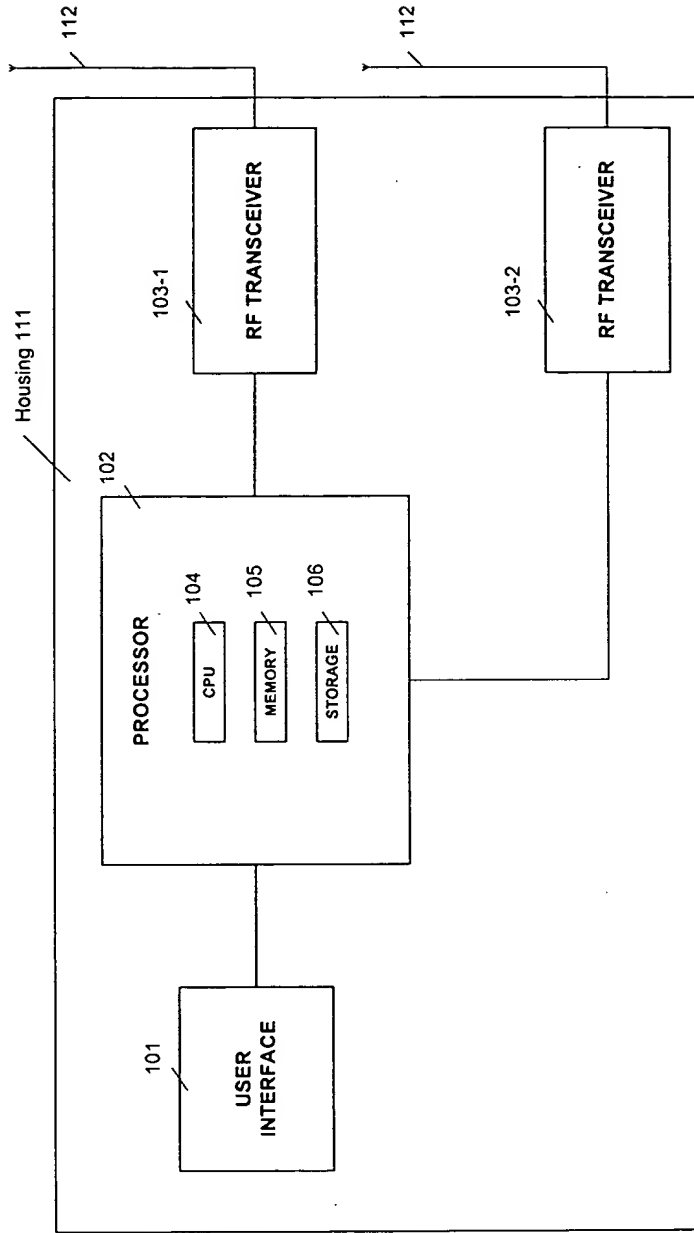


FIG. 3B

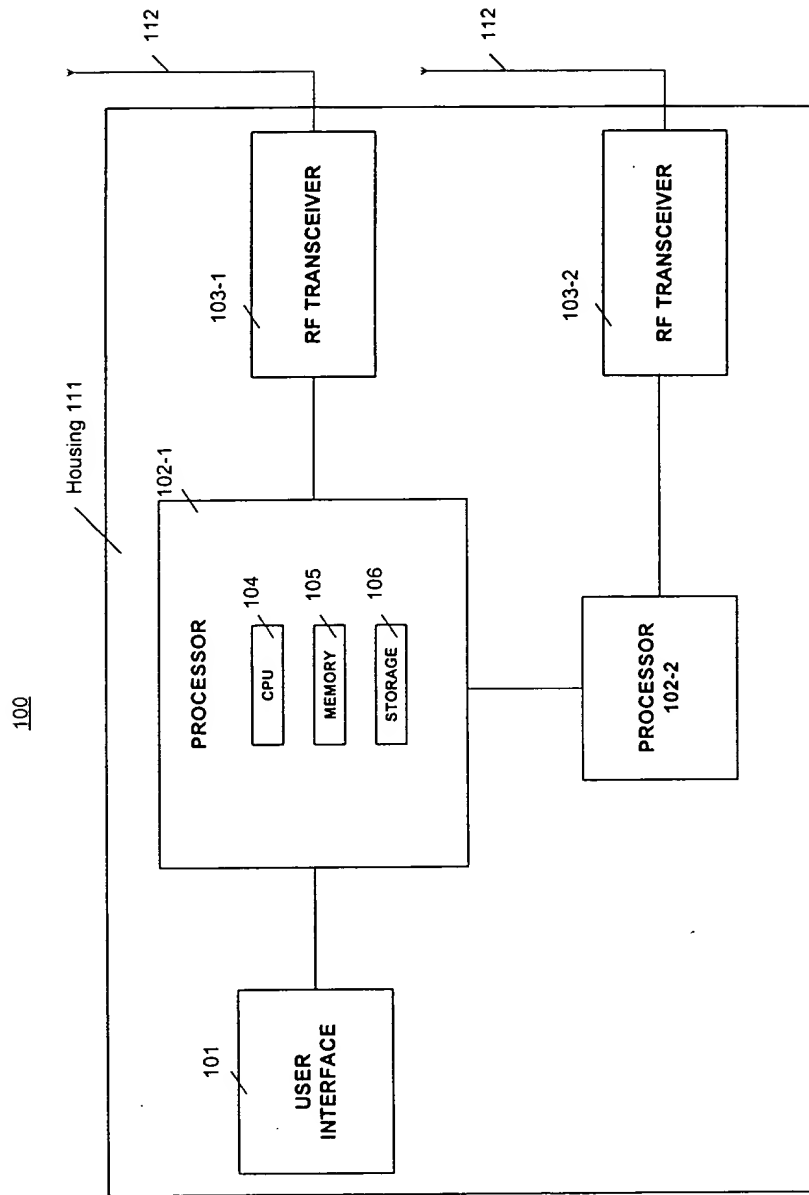


FIG. 3C

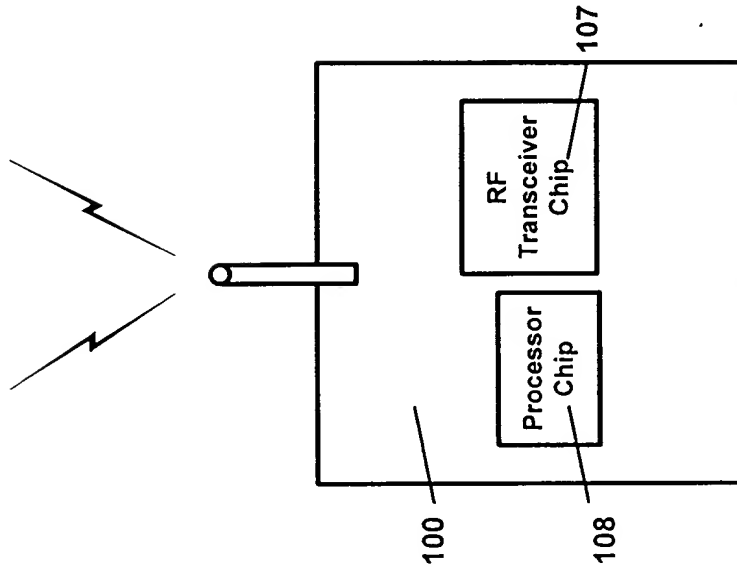


Fig. 4A

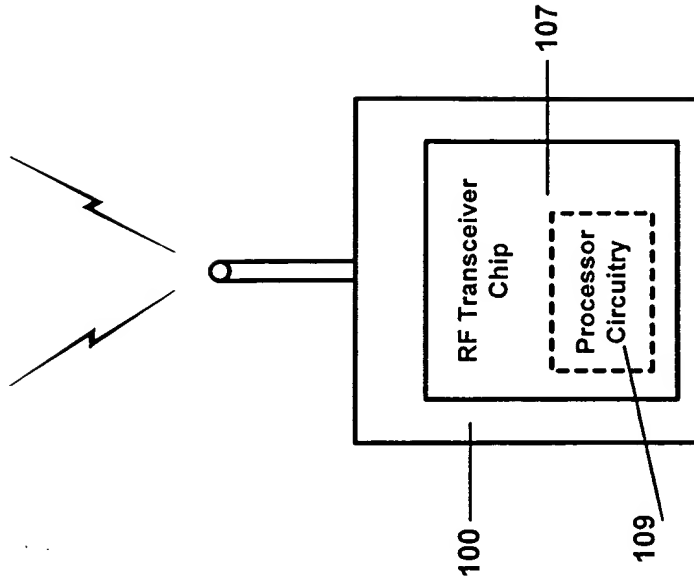
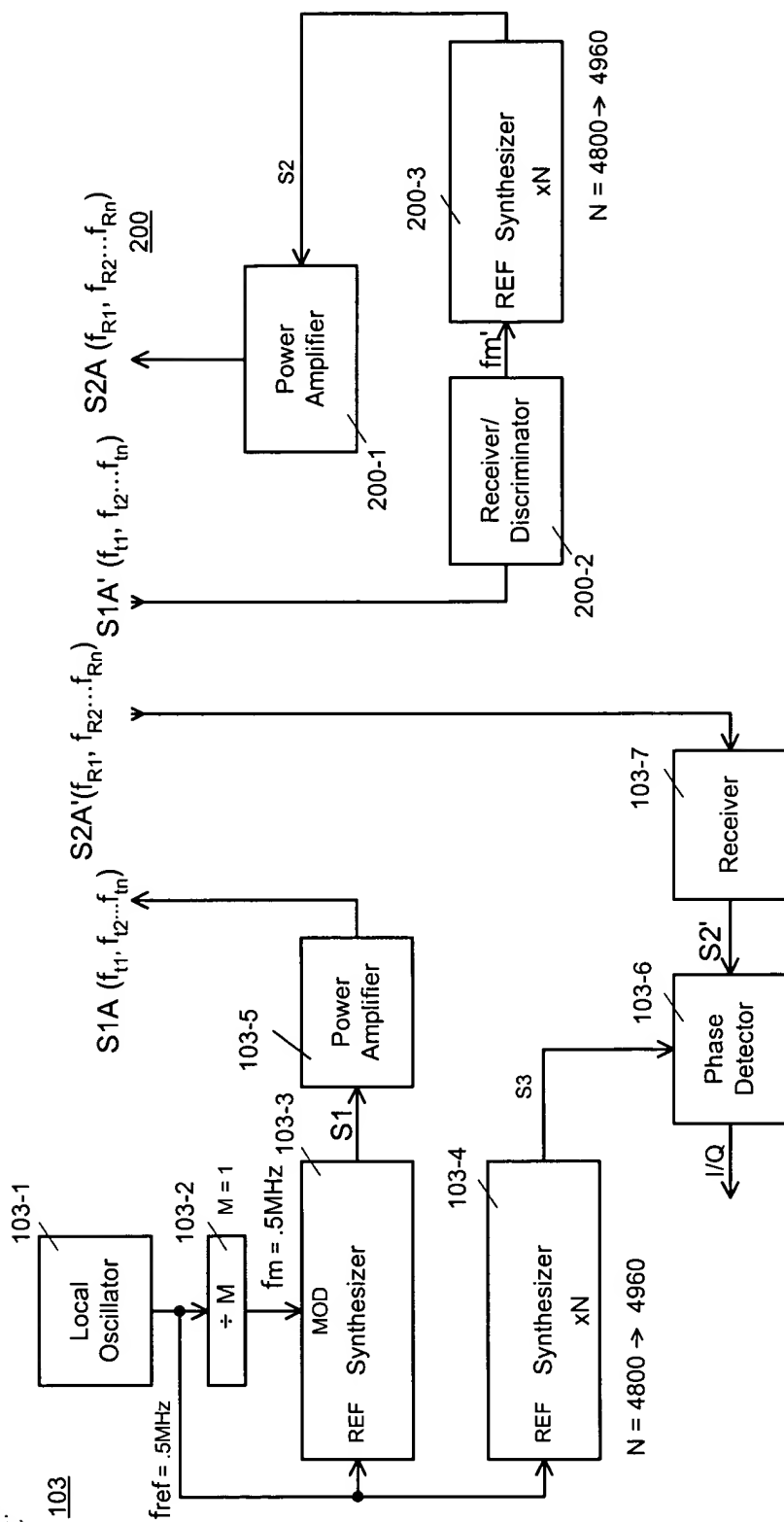


Fig. 4B

FIG. 5



REMOTE STATION

BASE STATION

FIG. 5



09759600 063604  
T09290 00965260

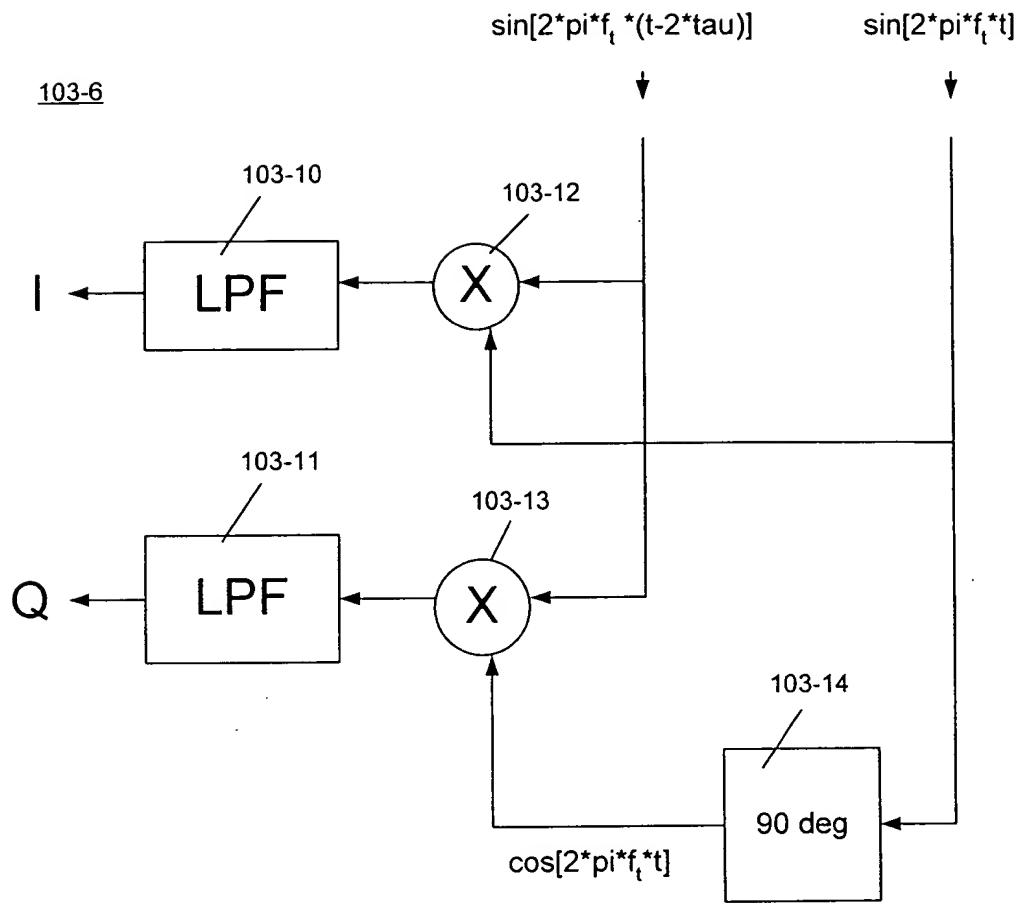
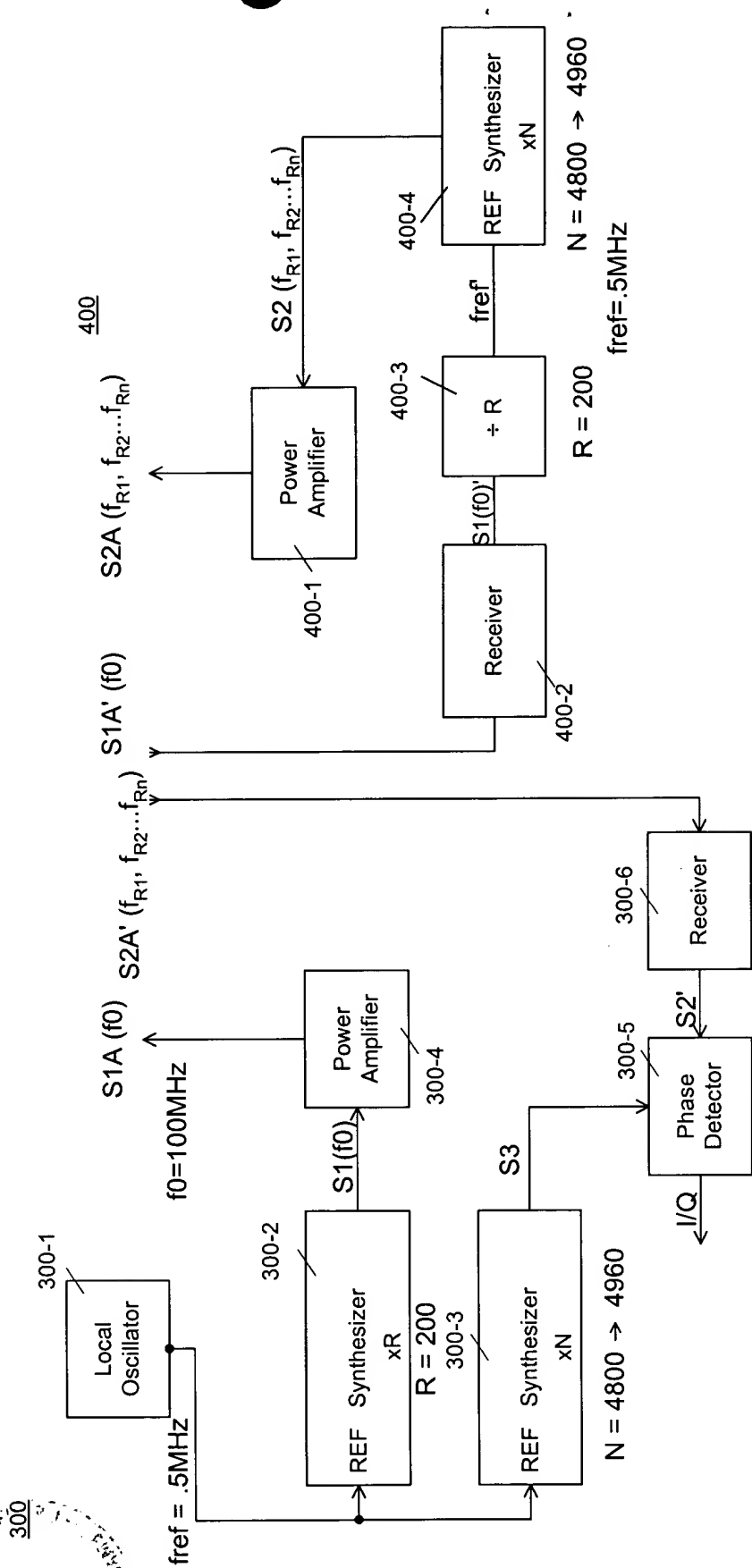


Fig. 6



REMOTE STATION

BASE STATION

FIG. 7

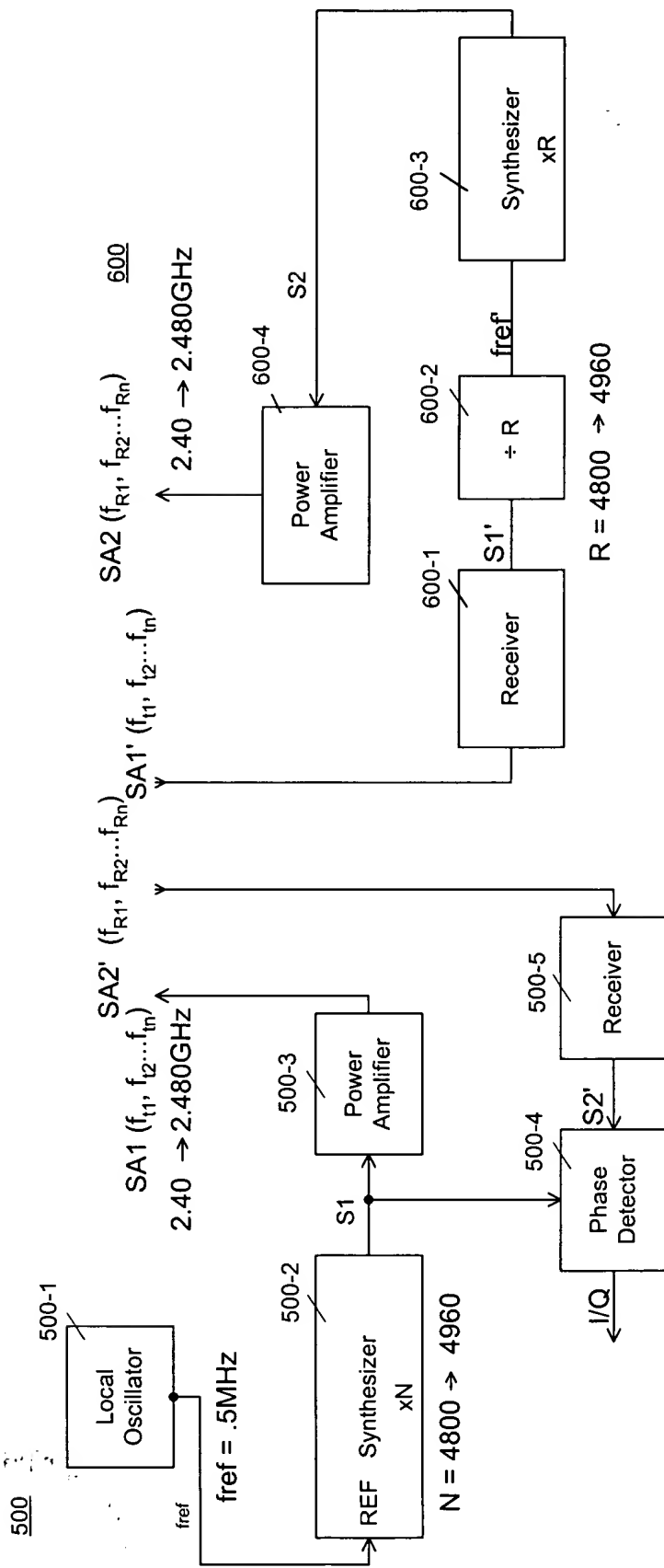


FIG. 8

BASE STATION

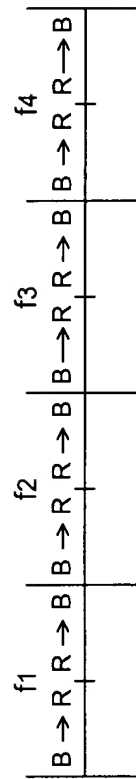


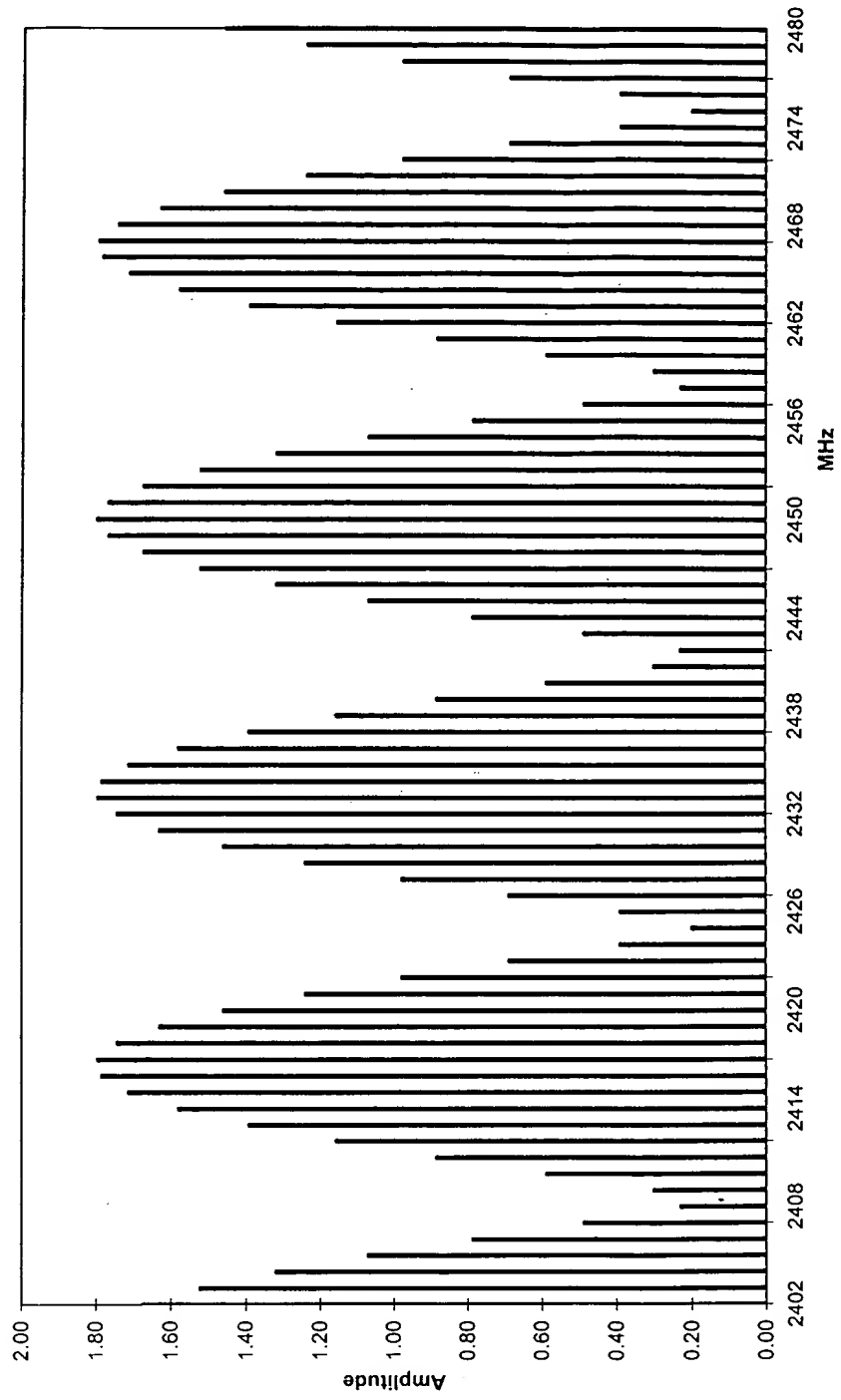
FIG. 9

REMOTE STATION

Figure 10A

Amplitude vs. Frequency

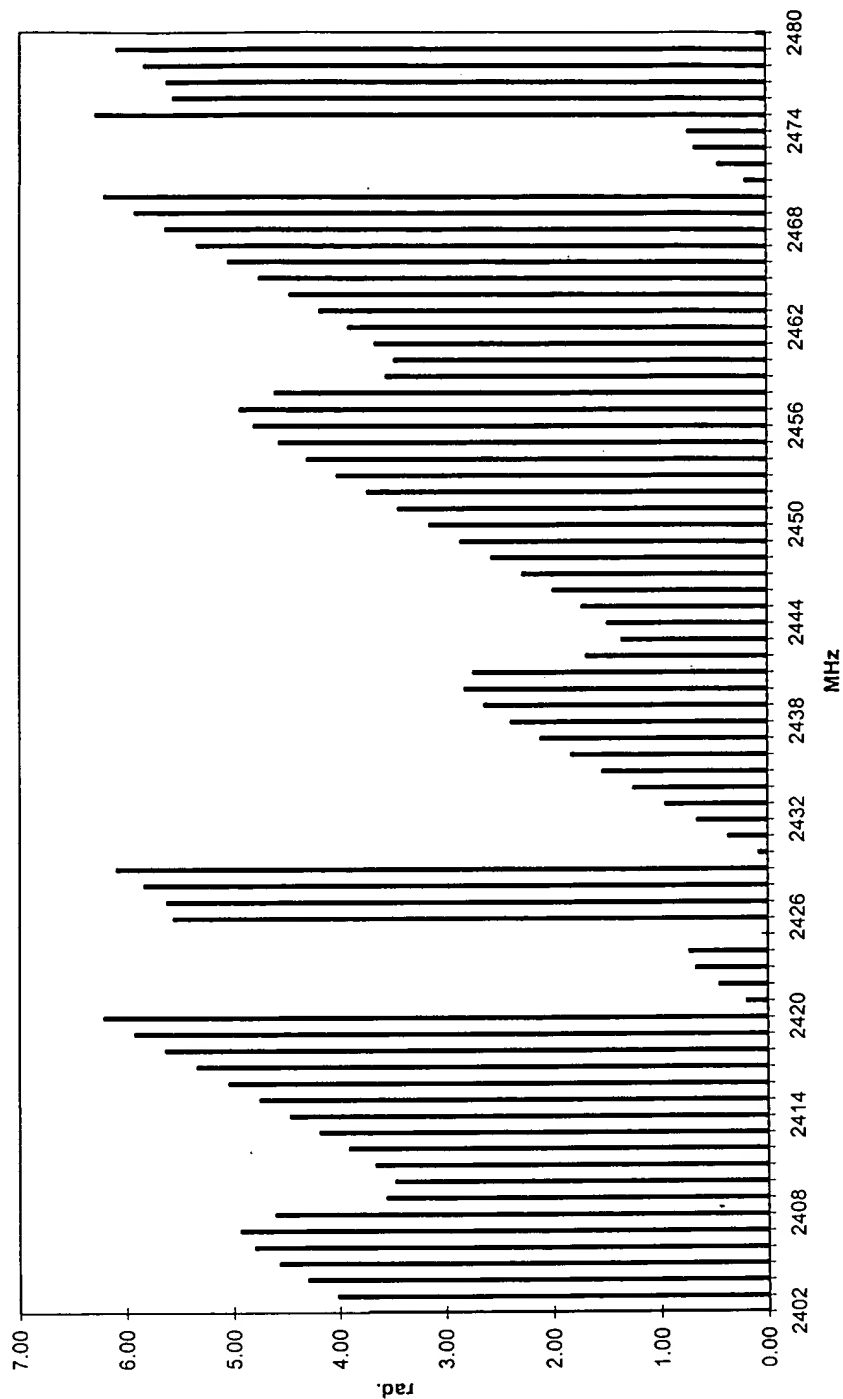
Direct path = 20ns, echo = 80ns.



TOP SECRET

Figure 10B

Phase shift vs. Frequency  
Direct path = 20ns, echo = 80ns.



703230" 00565260

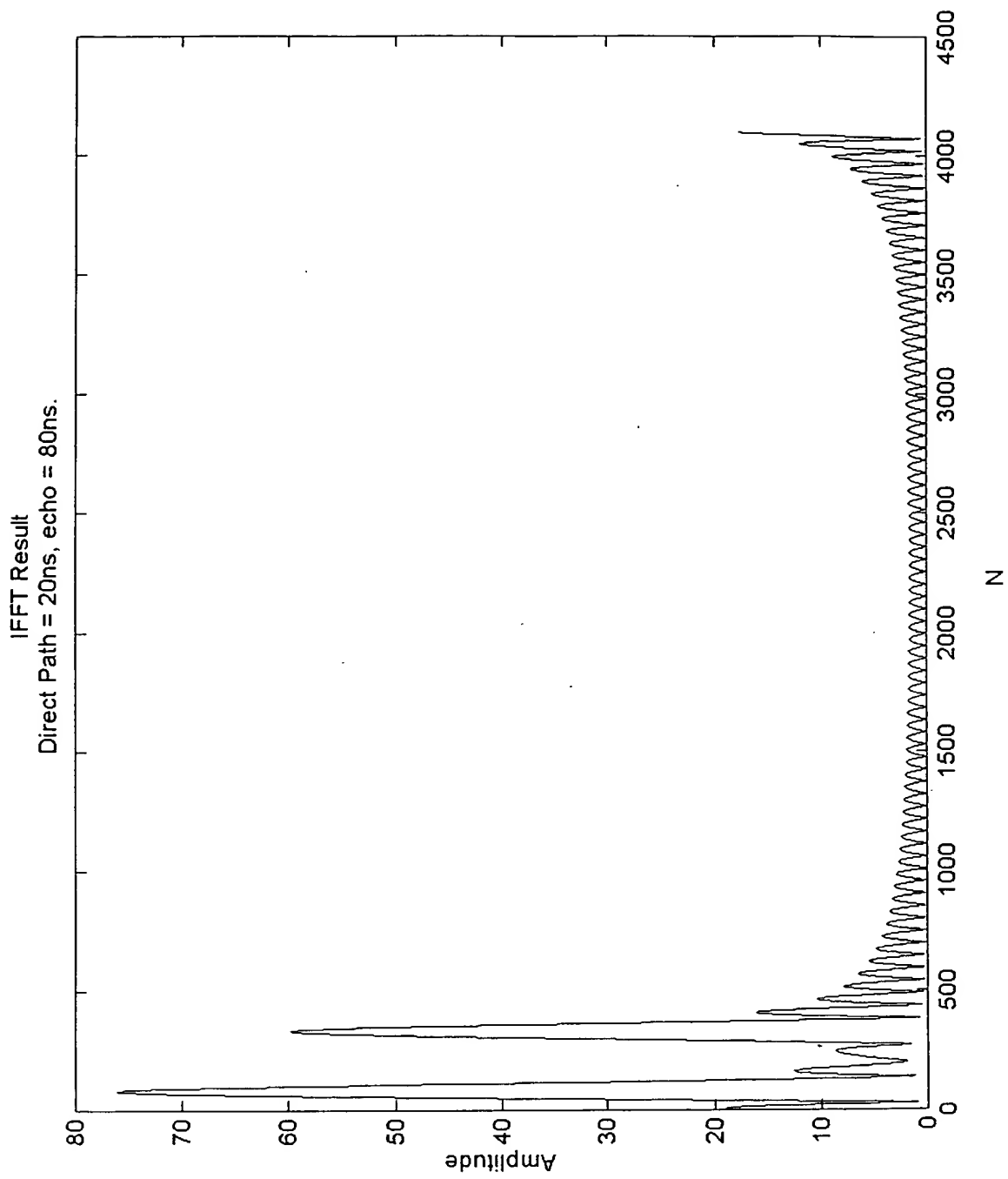


FIGURE 10C

TOP SECRET

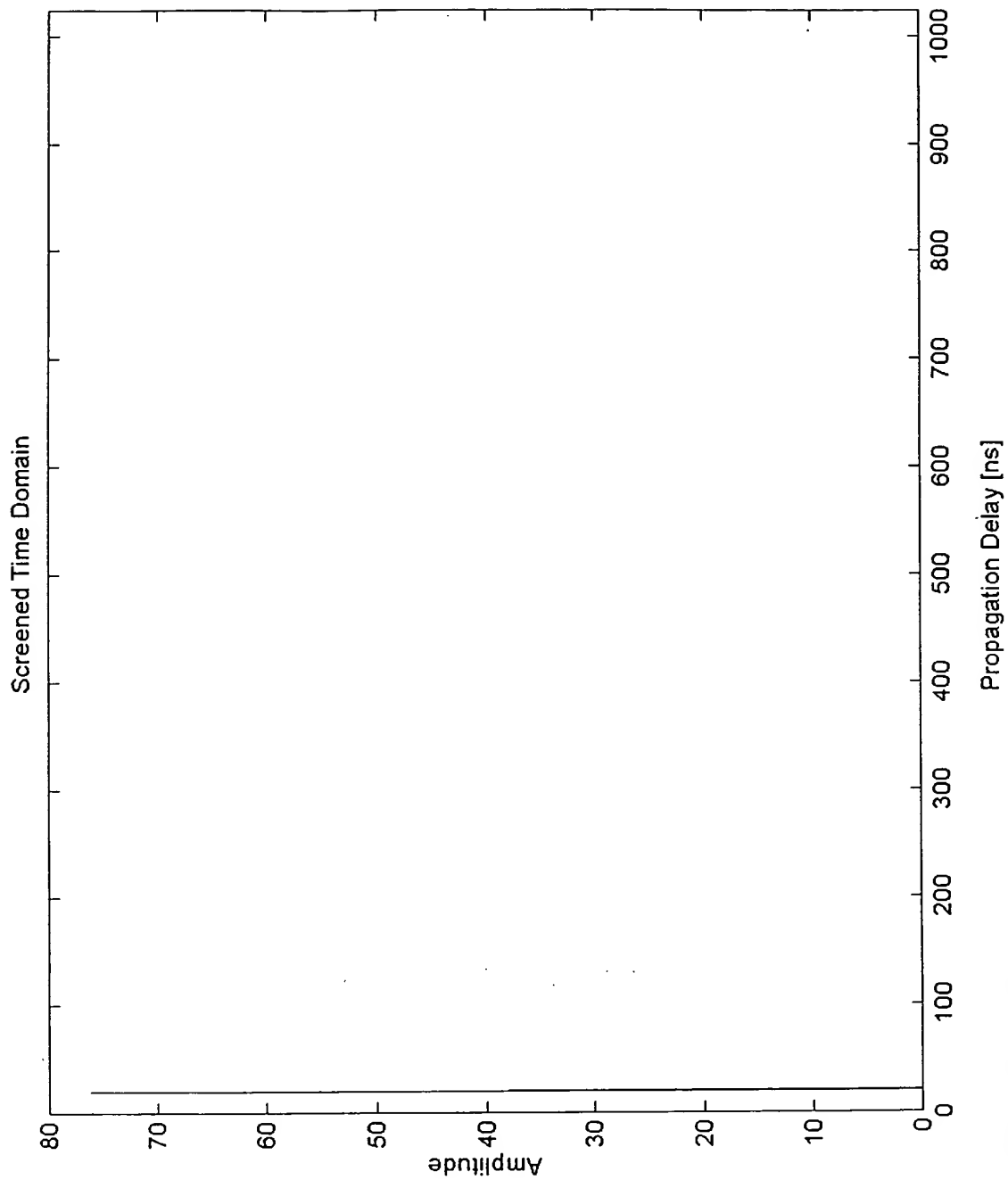


FIGURE 10D

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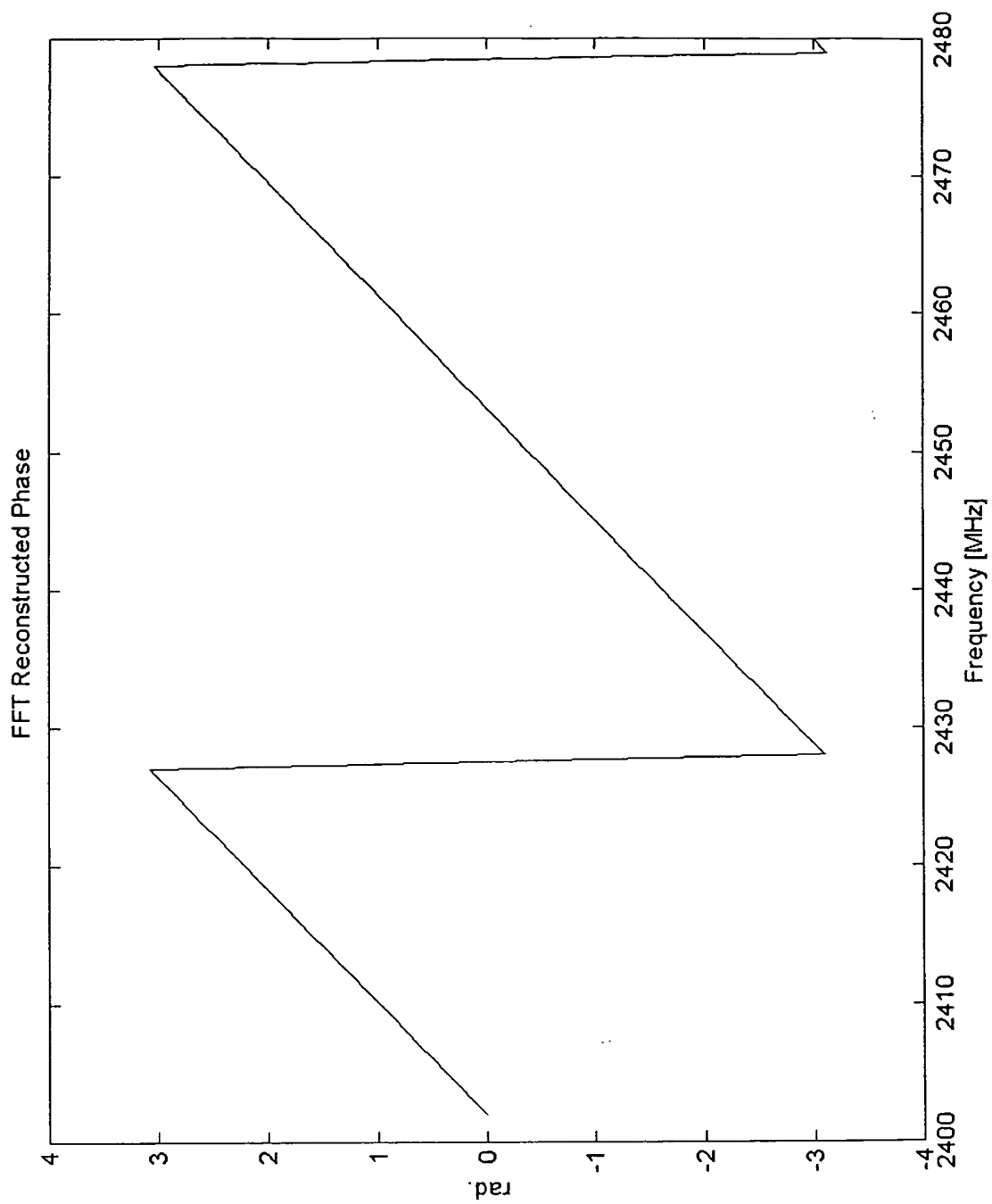
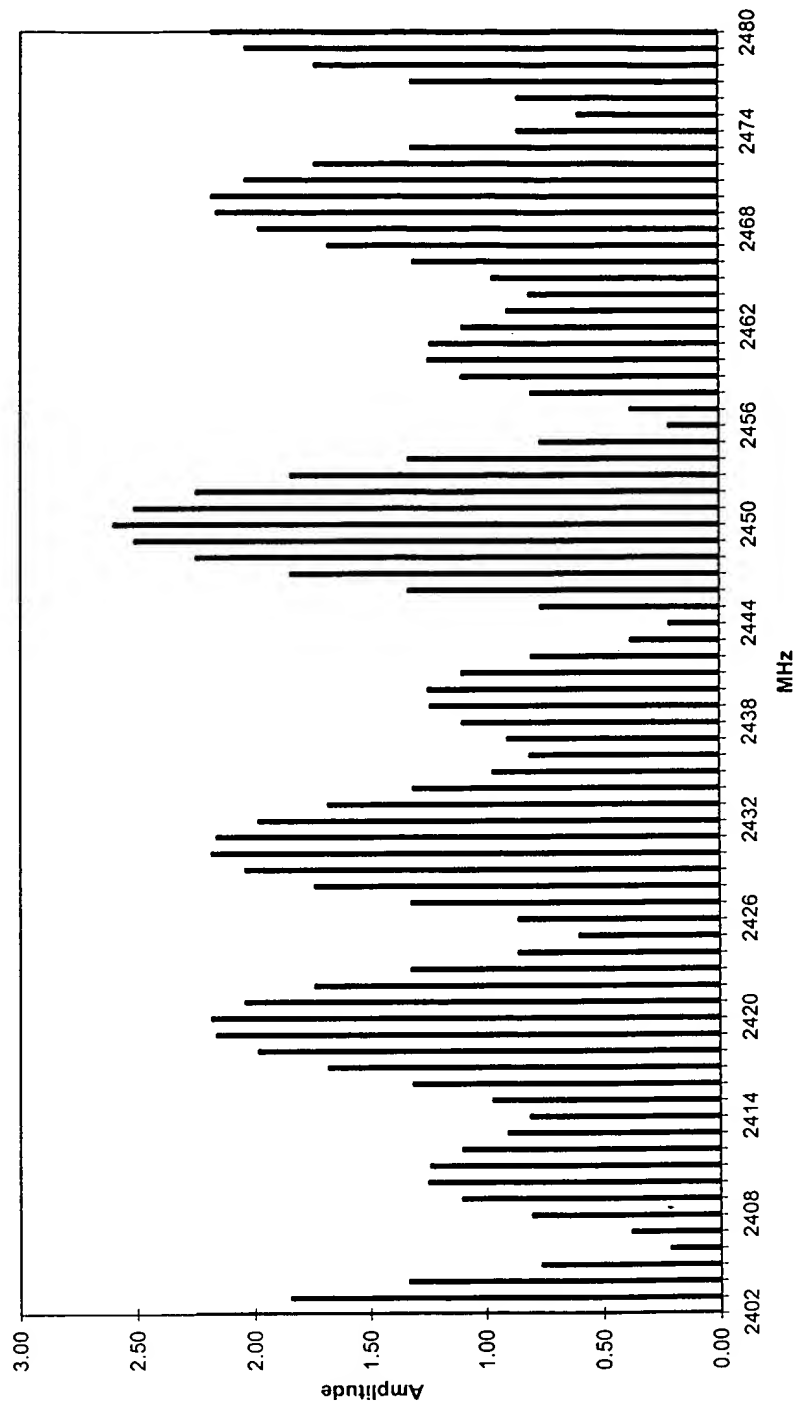


FIGURE 10E

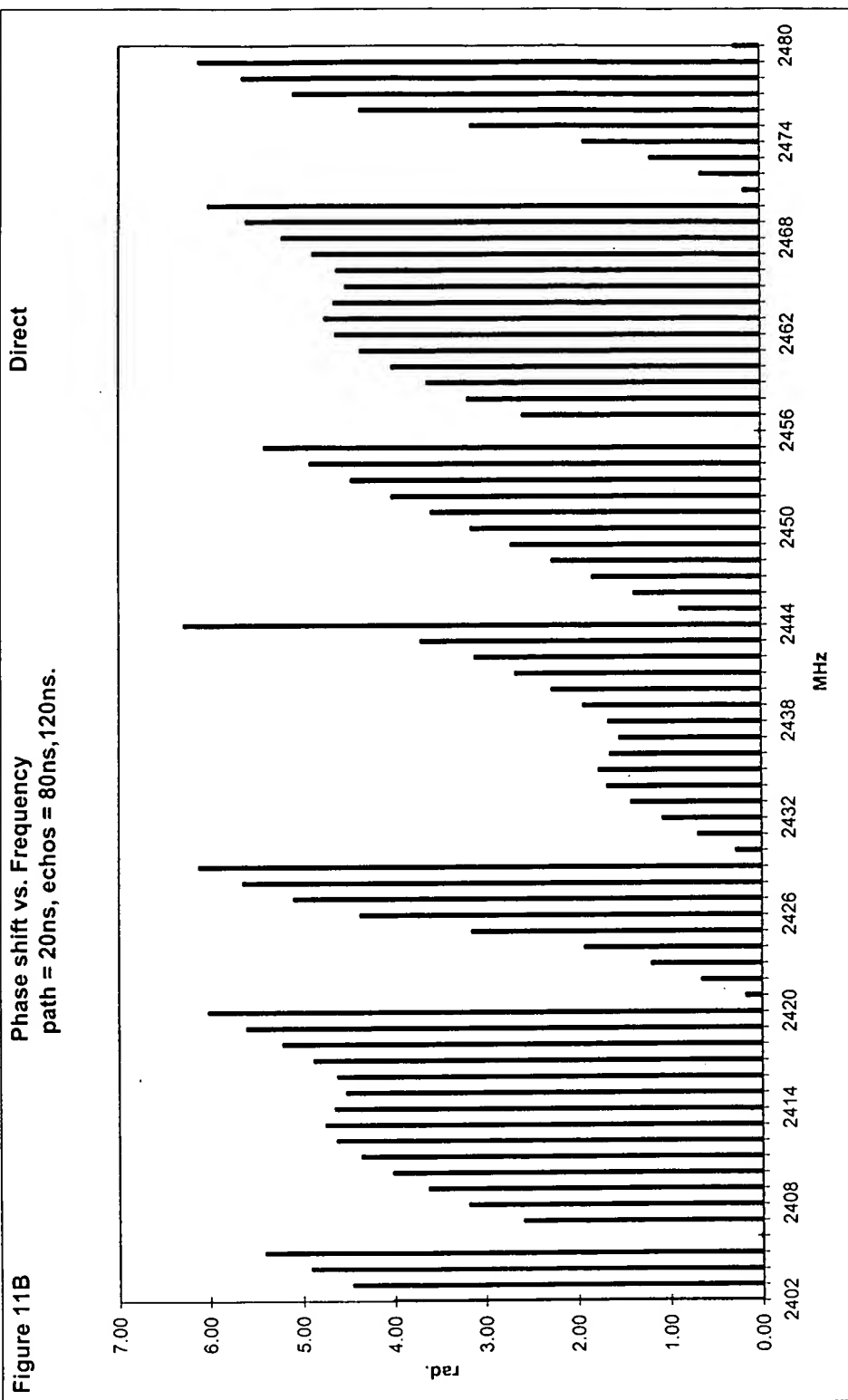


103030" 00365460

Figure 11A  
Amplitude vs. Frequency  
Direct path = 20ns, echos = 80ns, 120ns.



703650 00565460



T09290\*00965260

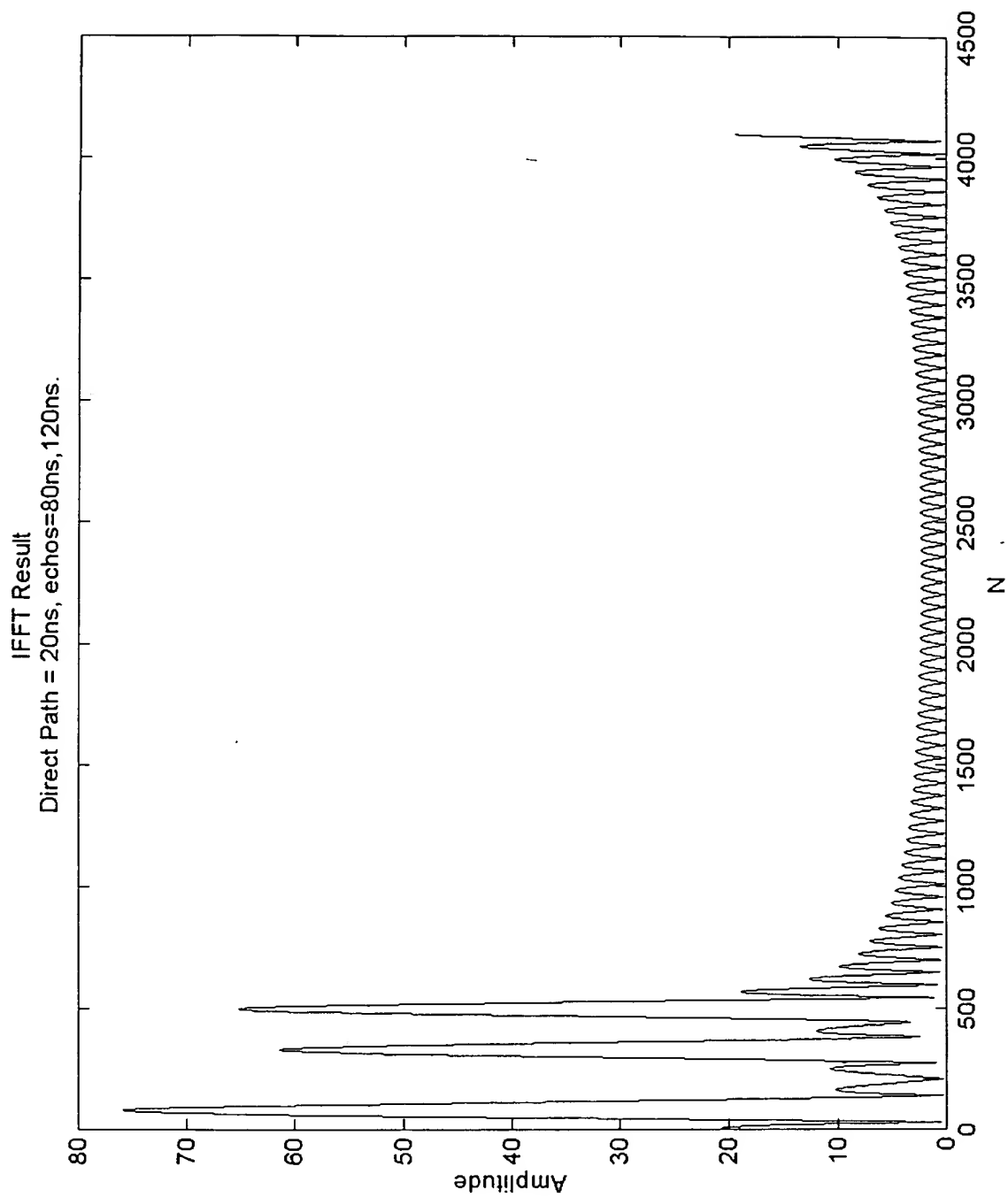


FIGURE 11C

FIGURE 11D

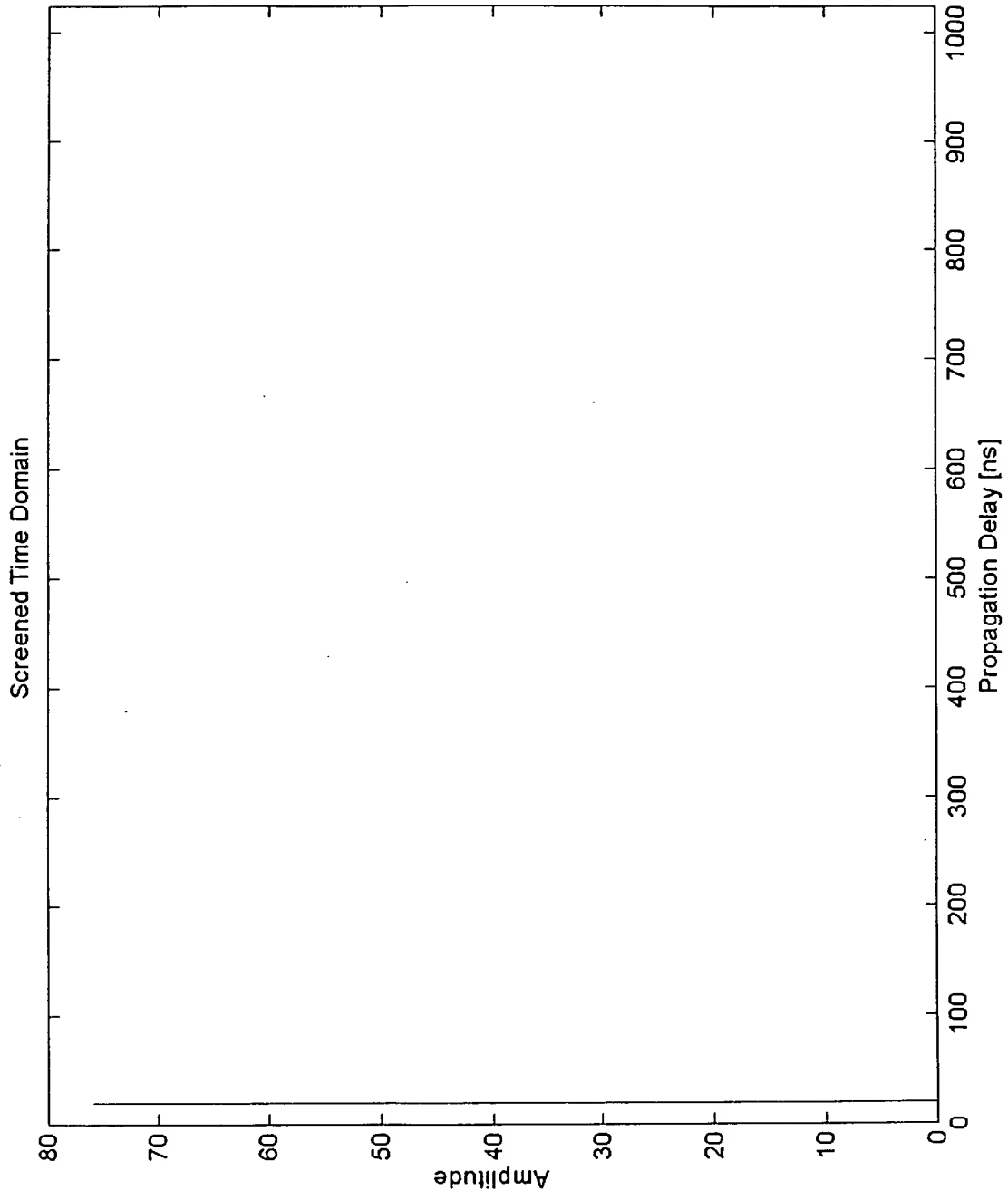


FIGURE 11D

TOP SECRET 00000000

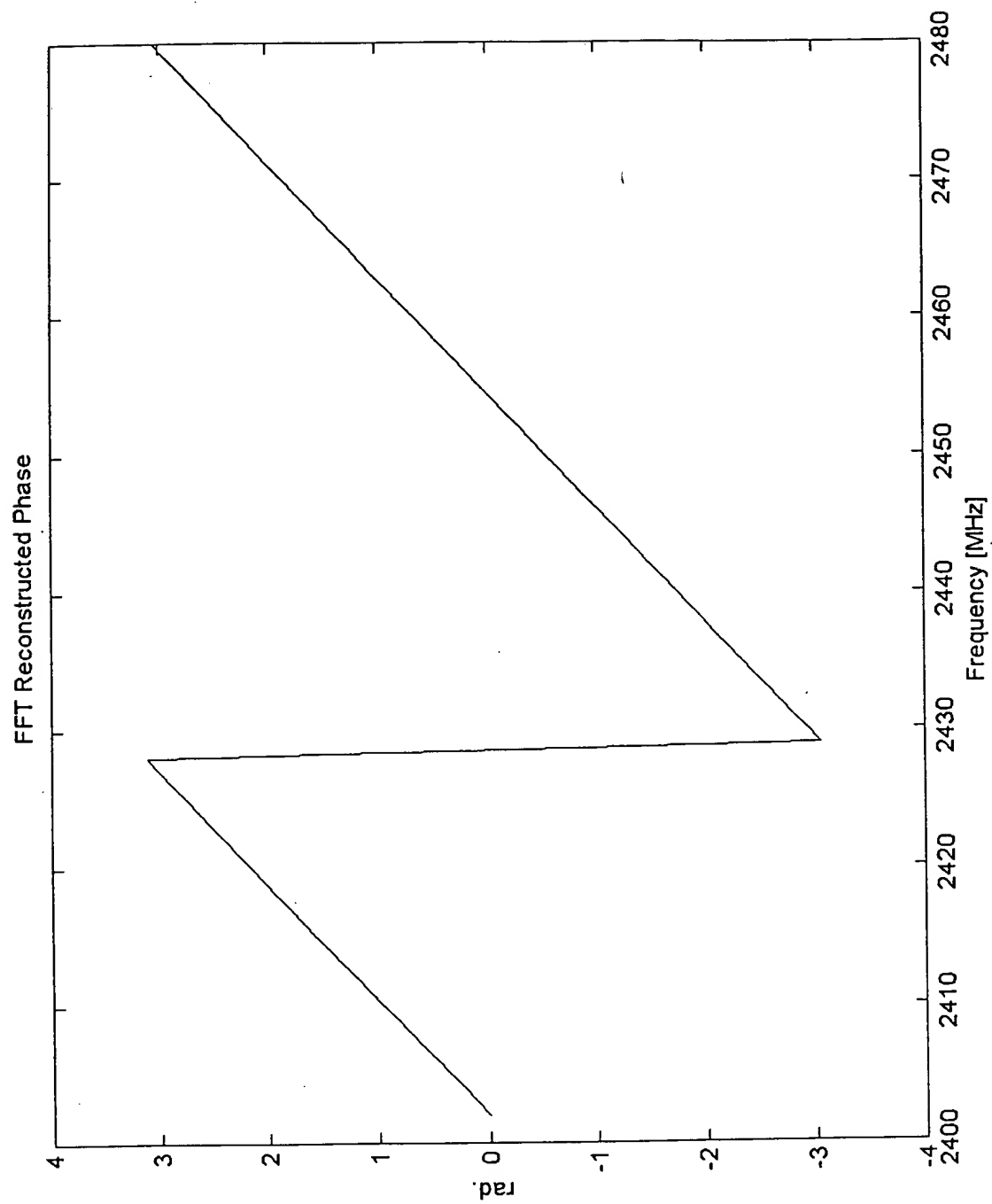


FIGURE 11E

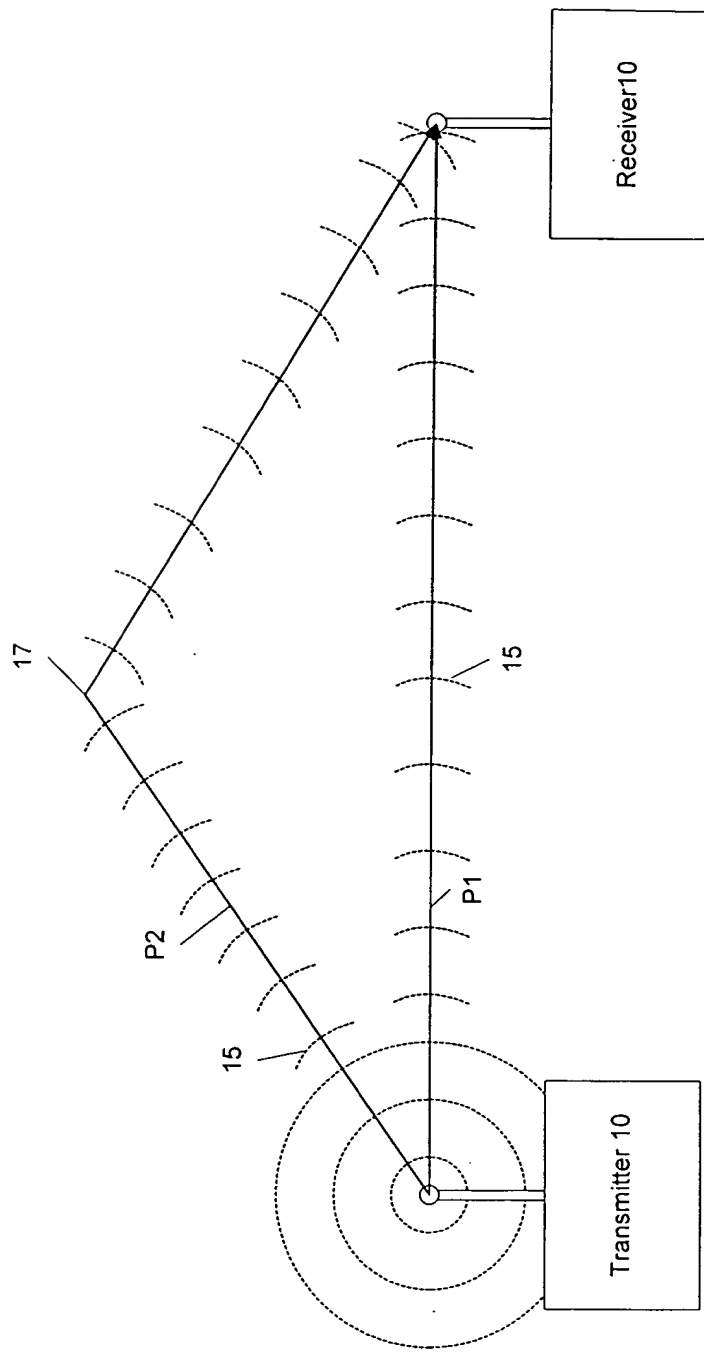


FIGURE 12